	Class Number	Instr.	Topic	Readings
			Introduction to Ecology	
Aug. 26	1	MB/CM	Course overview	Ch. 1
Aug. 28	2	CM	Terrestrial ecosystems	Ch. 2
Sept. 2	3	MB	Aquatic/marine ecosystems	Ch. 3
Sept. 4	4	CM	Numbers and statistics in ecology	Townsend
			Ecophysiology and Ecosystem Ecology	
Sept. 9	5	CM	Light & temperature relations	Ch. 4
Sept. 11	6	CM	Water relations	Ch. 5
Sept. 16	7	CM	Nutrient relations	Ch. 19
Sept. 18	8	CM	Optimizing resource use	Ch. 6
Sept. 23	9	CM	Primary productivity	Ch. 18
Sept. 25	10	CM	Ecosystem development	Ch. 20
Sept. 30	11	CM	**Exam 1: Lectures 1 – 9 (100 pts)**	
Oct. 2	12	CM	Ecological disturbance	TBA
Oct. 7	13	CM	Landscape dynamics **Journal page due**	Ch. 21
Oct. 9	14	CM	Global change, part I	Ch. 23
Oct. 14	15	CM	Global change, part II	TBA
			Population and Community Ecology	
Oct. 16	16	MB	Geographic ecology	Ch. 22
Oct. 21	17	MB	Species abundance and diversity	Ch. 16
Oct. 23	18	MB	Keystone species	Ch. 18
Oct. 28	19	MB	Exotic species	TBA
Oct. 30	20	MB	Food webs	Ch. 17
Nov. 4	21	MB	**Exam 2: Lectures 10, 12-19 (100 pts)**	
Nov. 6	22	MB	Food web interactions	Ch. 13 & 14
Nov. 11	23	MB	Case study **Paper due (40 points)**	TBA
Nov. 13	24	MB	Population dynamics	Ch. 10 & 11
Nov. 18	25	MB	Natural selection	Ch. 8
Nov. 20	26	MB	Life history strategies	Ch. 12
Nov. 25	27	MB	Behavioral ecology	Ch. 7
Nov. 27 THANKSGIVING	none		THANKSGIVING	
Dec. 2	28	MB	Case study	TBA
Dec. 4	29	MB/CM	Synthesis	TBA
Dec. 10	Final 3 to 5 pm	CM/MB	**Final Exam.** **Part A (100 points): Lectures 20, 22-29** **Part B (60 points): Cumulative**	